

Fig. 1

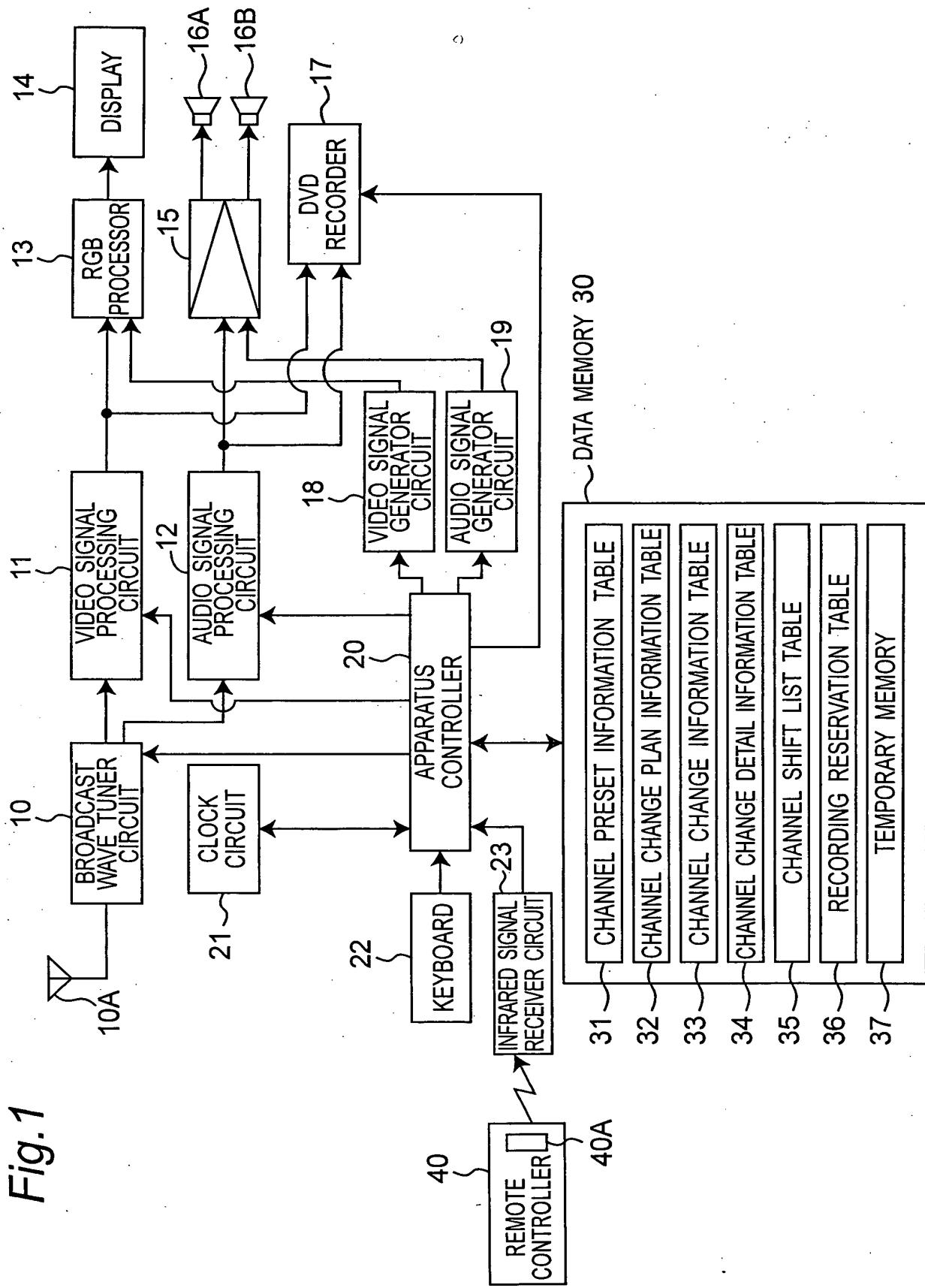


Fig.2

CHANNEL PRESET INFORMATION TABLE 31

KEY NUMBER	DISPLAY CHANNEL	PHYSICAL CHANNEL
1	19	19
2	2	34
3	36	36
16	BS7	BS7

Fig.3

CHANNEL CHANGE PLAN INFORMATION TABLE 32

ADDRESS	CHANGE DATE AND TIME	PHYSICAL CHANNEL BEFORE CHANGE	PHYSICAL CHANNEL AFTER CHANGE
1	ELAPSED	34	54
2	2004.08.01;03:00	38	56
3	2004.08.15;04:00	40	58

Fig.4

CHANNEL SHIFT LIST TABLE 35

ADDRESS	PHYSICAL CHANNEL BEFORE CHANGE	PHYSICAL CHANNEL AFTER CHANGE
1	34	54
2	38	56
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Fig.5

RECORCING RESERVATION TABLE 36

RESERVATION NUMBER	START DATE AND TIME	END DATE AND TIME	KEY NUMBER
1	2004.7.20;20:00	2004.7.20;20:56	2
2	2004.7.21;21:00	2004.7.21;21:45	6
3	2004.7.23;23:30	2004.7.23;23:55	10
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Fig. 6

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BROADCAST CHANNEL PROCESSING FOR
DETECTING, CONFIRMING AND NOTIFYING

S1 CONTROL BROADCAST WAVE TUNER CIRCUIT 10 TO SELECT BROADCAST WAVE ON WHICH CHANNEL CHANGE INFORMATION IS BROADCAST

S2 RECEIVE CHANNEL CHANGE INFORMATION AND STORE THE CHANNEL CHANGE INFORMATION IN CHANNEL CHANGE INFORMATION TABLE 33

S3 IS VERSION OF RECEIVED CHANNEL CHANGE INFORMATION NEWER THAN VERSION OF CHANNEL CHANGE INFORMATION PREVIOUSLY RECEIVED AND STORED IN CHANNEL CHANGE INFORMATION TABLE 33 ?
YES

S4 CONTROL BROADCAST WAVE TUNER CIRCUIT 10 TO SELECT BROADCAST WAVE ON WHICH CHANNEL CHANGE DETAIL INFORMATION IS BROADCAST

S5 RECEIVE CHANNEL CHANGE DETAIL INFORMATION WITHIN USER'S SERVICE AREA AND STORE THE CHANNEL CHANGE DETAIL INFORMATION IN CHANNEL CHANGE DETAIL INFORMATION TABLE 34

S6 SELECT ONE UNPROCESSED DATA FROM AMONG CHANNEL CHANGE DETAIL INFORMATION STORED IN CHANNEL CHANGE DETAIL INFORMATION TABLE 34

S7 IS PLANNED CHANGE DATE AND TIME REGARDING SELECTED DATA OLDER THAN OR EQUAL TO PRESENT DATE AND TIME ?
NO

S8 IS PHYSICAL CHANNEL AFTER CHANGE STORED IN CHANNEL PRESET INFORMATION TABLE 31 ?
NO

S9 DELETE SELECTED DATA FROM CHANNEL CHANGE DETAIL INFORMATION TABLE 34

S10 STORE PHYSICAL CHANNELS BEFORE AND AFTER CHANGE REGARDING SELECTED DATA IN CHANNEL CHANGE PLAN INFORMATION TABLE 32 AND STORE "ELAPSED" AS CHANGE DATE AND TIME THEREIN

S11 STORE PHYSICAL CHANNELS BEFORE AND AFTER CHANGE REGARDING SELECTED DATA TOGETHER WITH CHANGE DATE AND TIME IN CHANNEL CHANGE PLAN INFORMATION TABLE 32

S12 HAVE ALL OF DATA AMONG CHANNEL CHANGE DETAIL INFORMATION STORED IN CHANNEL CHANGE DETAIL INFORMATION TABLE 34 BEEN PROCESSED ?
NO

YES
A

Fig. 7

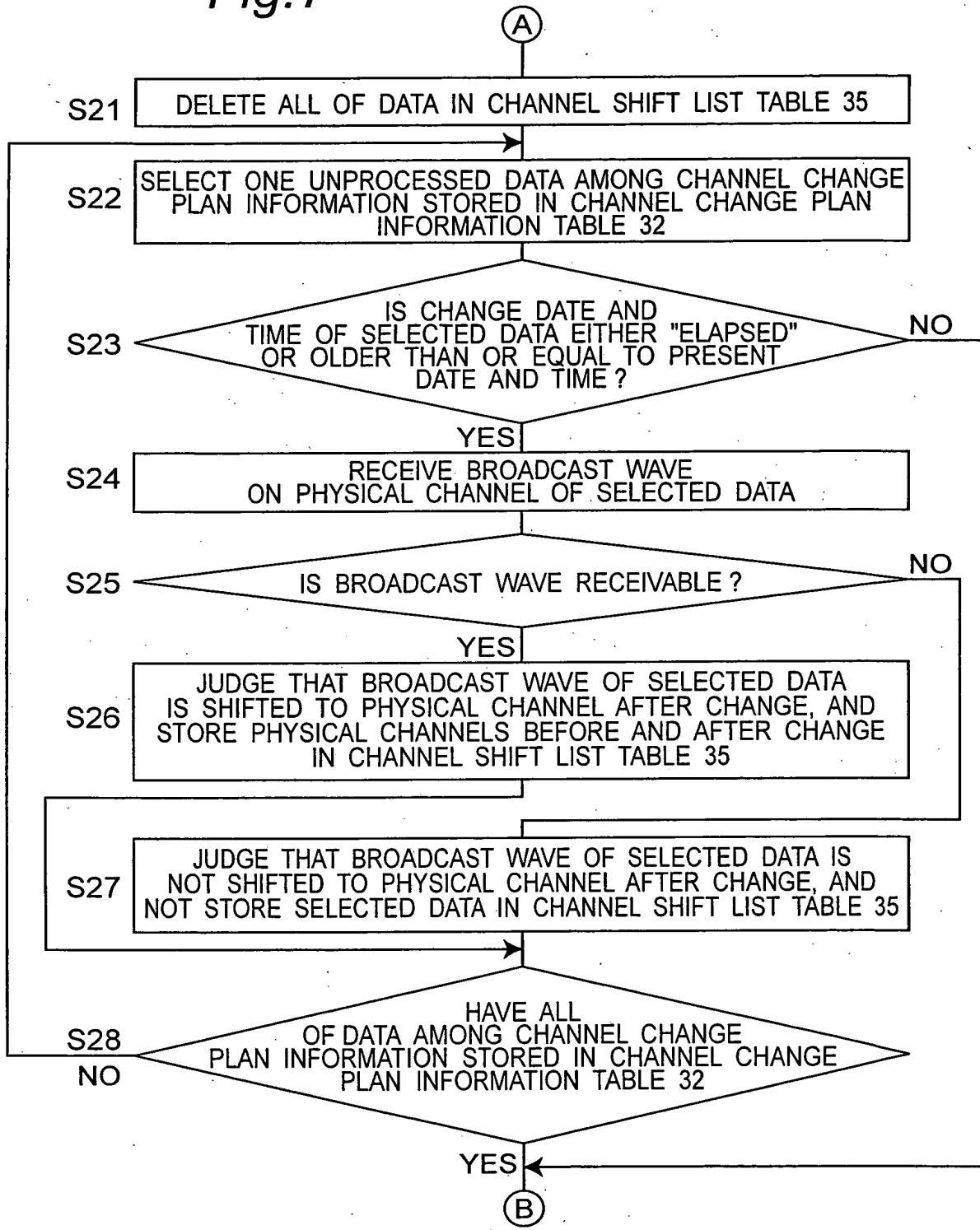


Fig.8

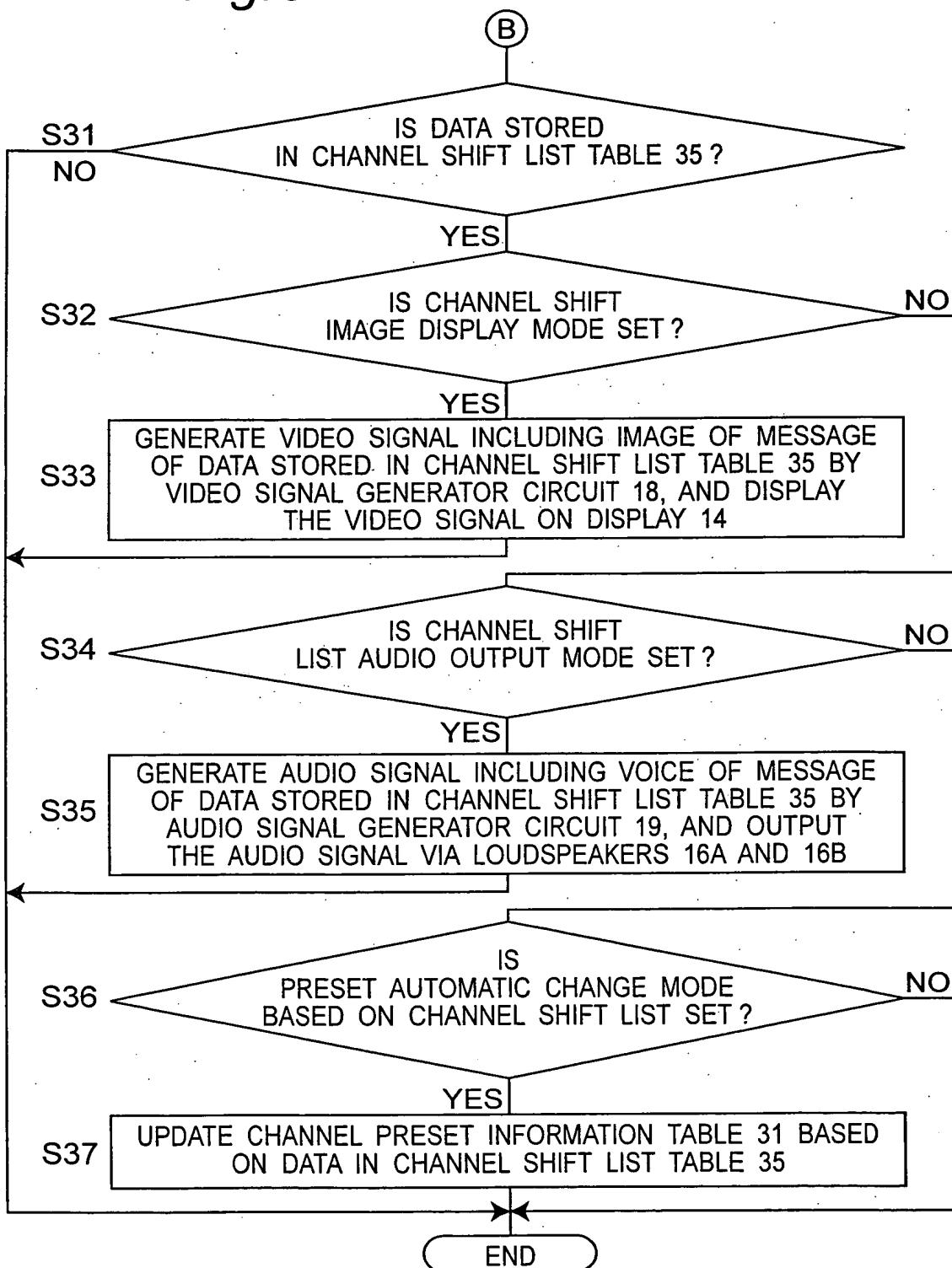


Fig.9

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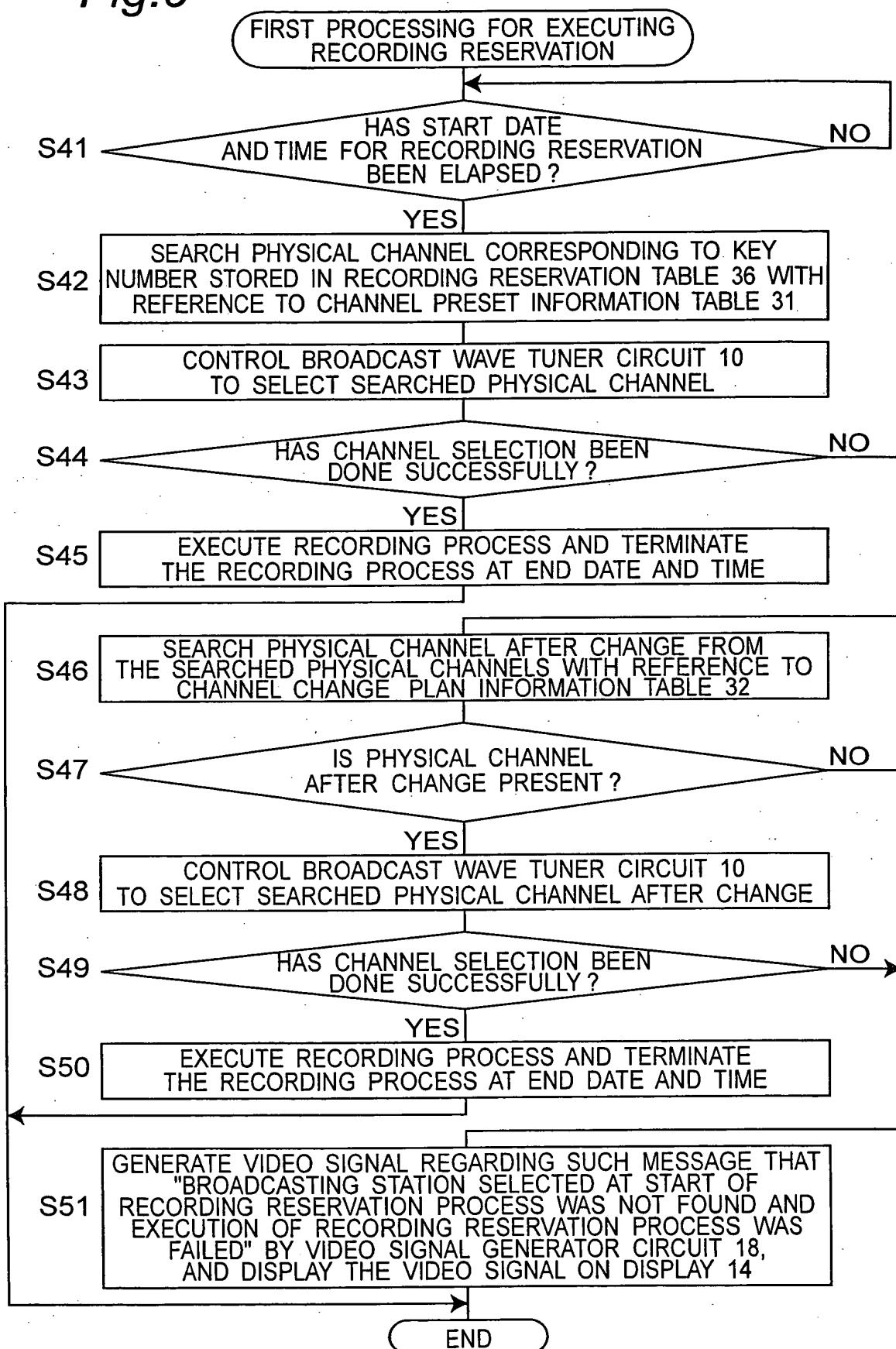


Fig. 10

